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IB - 226/63
5 September 1963
Copy No. 4

MEMORANDUM FOR: Chief, Manufacturing and Services Division, ORR

ATTENTION:

FROM: Chief, CIA/RID (NPTC)

SUBJECT: Cheng-hsien (Cheng-chou) Rail Yards

REFERENCES: (1) Requirement No. C-RR/3-80,541
(2) Project No. C 1242-63

1. In compliance with the above referenced requirement, a search of photography was conducted to determine level of activity at the Cheng-hsien rail yards. This city has an optional name of Cheng-chou, and is located at 34 45N - 123 38E.

2. Initially, this study was meant to be a comparative one, based on 1963 and 1959 coverages. However, the film quality on all missions over the city, with one exception, was too poor to allow car counts to be made. This single exceptional mission dated [redacted] was used to count cars and number of tracks, observe unusual features of the yards, and measure length of yards from choke point to choke point.

3. The car-count was broken down into general types of rolling stock. That is; box cars, open cars, (which includes flat, wall, gondola and hopper cars), tank cars, passenger cars and locomotives. The count includes all cars, both at rest and in motion, within the limits of the yard complex. The results of this count are set forth in the following table.

<u>BOX CARS</u>	<u>OPEN CARS</u>	<u>PASSENGER CARS</u>	<u>TANK CARS</u>	<u>LOCOMOTIVES</u>
1,012	395	111	59	31

This is a grand total of 1,608 cars. All locomotives appear to be steam powered.

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4. The yard complex is broken down into; 1) Passenger yard, 27 tracks wide by 6,800 feet long, 2) Receiving yard, 17 tracks wide by 4,750 feet long, 3) Classification yard, 37 tracks wide by 4,750 feet long, and 4) Departure yard, 15 tracks wide by 3,650 feet long. These yards are all along what can be considered the main line. In addition to these, 2 other yards are present. One of these is a freight yard, 5 tracks wide by 3,500 feet long. The other is a locomotive repair facility comprised of 4 main buildings and 18 lesser structures. Out of a total count of 31 locomotives, 22 were in the repair yards, standing idle.

Two turning circles and a round-house are also in the yard complex.

5. The following missions were examined for possible use in this study:



6. Map references: WAC 385
ATC-200, 0365-9A

7. The analyst assigned to this project was [redacted] who may be contacted on [redacted] should any questions arise concerning the study.

